Inventor(s): Orest W. Blaschuk et al. Serial No. 09/778,026 Docket No. 100086.402C1

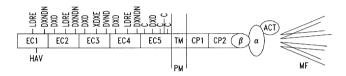


Fig. 1

Fig. 2

n N-cad	DWVIPPINLPENSRGPFPQELVRIRSDRDKNLSLRYSVTGPGADQPPTGIFILNPISGQLSVTKPLDREQ
e N-cad	DWVIPPINLPENSRGPFPQELVRIRSDRDKNLSLRYSVTGPGADQPPTGIFIINPISGQLSVTKPLDREL
I-cad	DWVIPPINLPENSRGPFPQELVRIRSDRDKNLSLRYSVTGPGADQPPTGIFIINPISGQLSVTKPLDREL
n P-cad	DWVVAPISVPENGKGPFPQRLNQLKSWKDRDTKTFYSITGPGADSPPEGVFAVEKETGWLLLNKPLDREE
P-cad	EWVMPPIFVPENGKGPFPQRLNQLKSNKDRGTKTFYSITGPGADSPPEGVFTIEKESGWLLLHMPLDREK
r E-cad	DWVIPPISCPENEKGPFPKNLVQIKSNKDKEGKVFYSITGQGADTPPVGVFIIERETGWLKVTEPLDRER
F-cad	OWV TPP ISCPENEKGEEPKNI VOTKSNRDKETKVEYSTTGOGADKPP VGVETTERETGWI KVTOPI DREA

human N-cad IAFFILRAHAVDINGNQVENPIDIVINVIDMONRPEF
mouse N-cad IAFFILRAHAVDINGNQVENPIDIVINVIDMONRPEF
human P-cad IAKYELFGHAVSENGASVEDPMISIIVTDONKKREKF
human P-cad IXFYELFGHAVSENGASVEDPMISIIVTDONKKREKF
human E-cad IATYILFSHAVSSNGAVEDPMELIITVTDONKKREKF
mouse E-cad IAFYILVSHAVSSNGAVEDPMELIITVTDONKNEPKF
mouse E-cad IAFYILVSHAVSSNGAVEDPMELITVTDONKNEPKF

human mouse cow Nhuman mouse human mouse



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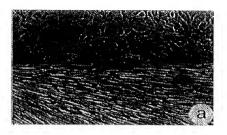


Fig. 3A



Fig. 3B



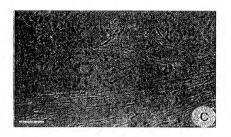


Fig. 3C

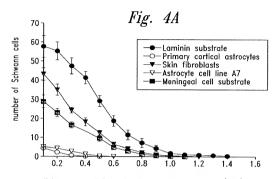


Fig. 3D

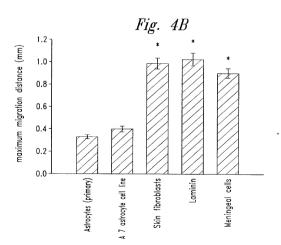


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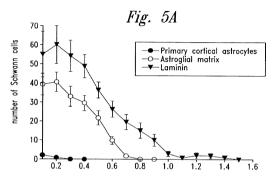


distance moved from the edge of the fragment (mm)

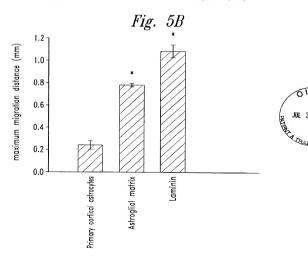




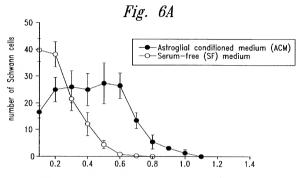
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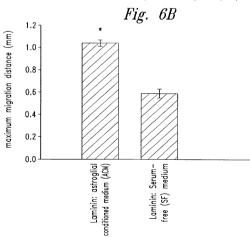
distance moved from the edge of the fragment (mm)



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distance moved from the edge of the fragment (mm)





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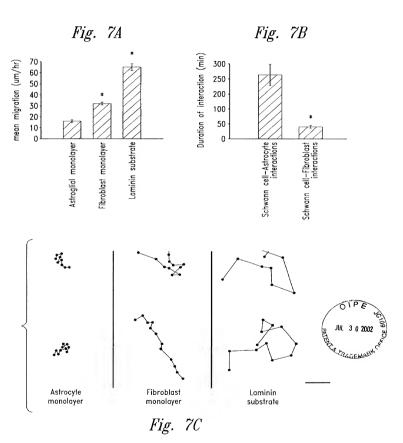




Fig. 8A

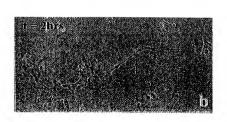


Fig. 8B







Fig. 8C

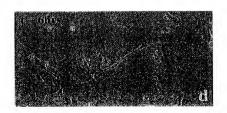




Fig. 8D

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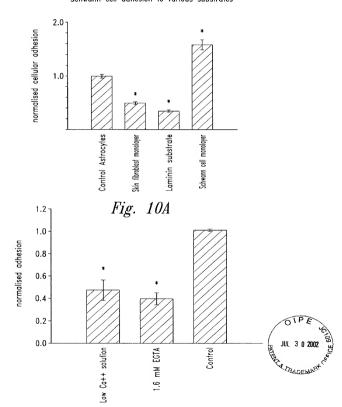
Fig. 8E



Express Mail No. EL897865300US

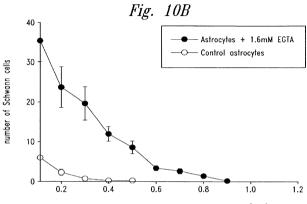
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 ${\it Fig. \ 9} \\ {\it Schwann cell adhesion to various substrates}$

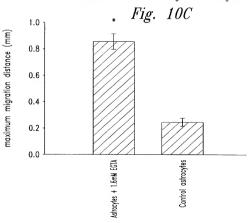


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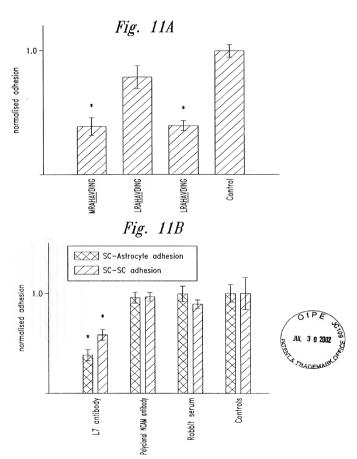
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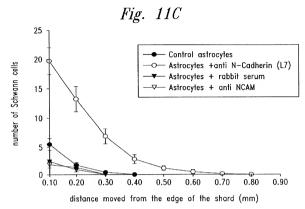


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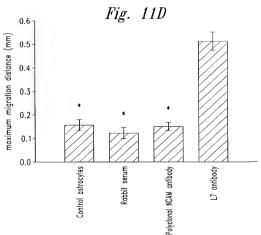






Fig. 12A

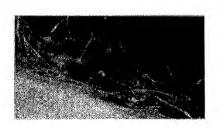


Fig. 12B





Fig. 12C



Fig. 12D

